

HAVLICEK, Franjo Ivan

Physics

Yugoslav

"The determination of aspherical correcting surfaces," Phys. Abs., 1954.

1A  
Havlicek, F. I.  
Yugoslavia/Optics - Optical Technique, K-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35674

Author: Havlicek, F. I.

Institution: "J. Stefan" Physics Institute, Ljubljana, Yugoslavia

Title: On Simple Projection Lens

Original

Periodical: Bull. scient. Conseil acad. RPFY, 1954, 2, No 1, 10-11; German

Abstract: Analysis of the problem of calculating objectives for the projection of lantern slides measuring 24 x 36 mm, consisting of 2 thin lenses. The author starts in the construction of such lenses from a corresponding distribution of the refracting power of both lenses and of their radii of curvature. A diagram of the Argentieri parameters is given for the variations of the values of the first lens from zero to 2.5 and of the second lens from -2 to -6, in which the Seidel sums are given for the spherical aberration, for the meridional curving of the image field, and for the distortion of the image.

Card 1/1

1A  
Havlicek, F. I.  
"APPROVED FOR RELEASE: 09/19/2001" CIA-RDP86-00513R000617920009-7"  
Yugoslavia/Optics - Optical Techniques, K-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35675

Author: Havlicek, F. I.

Institution: "J. Stefan" Physics Institute, Ljubljana, Yugoslavia

Title: Design of Petzval Type Objective

Original

Periodical: Bull. scient. Conseil acad. RPFY, 1954, 2, No 1, 11; German

Abstract: Description of the design of an objective and a table of the structural elements of a Petzval objective for certain specified parameters (index of refraction of the glasses, etc).

Card 1/1

Practical Application of the Wave Theory in Optical Computations

6924:

Havlicek, F. L. Zur praktischen Anwendung der Wellentheorie bei optischen Rechnungen. Bull. Internat. Acad. Yougoslave. Cl. Sci. Math. Phys. Tech. 5 (1955), 5-7.

2  
1-F/W

If the spherical aberration of an axially symmetrical optical system is  $\Delta s^1 = \sum_{n=1}^{\infty} a_n u^n$ , where  $u = \tan \theta$  and  $\theta$  is the angle of inclination of an incident ray, then J. Picht [Optische Abbildung, Vieweg, Braunschweig, 1931, p. 164; Z. Instrumentenkunde 51 (1931), 77-81] has shown that the related wave surface in image space is given by

$$\begin{aligned}\xi &= -2b_1 + c_1 \cos \theta + \sum_{n=1}^{\infty} b_n u^n, \\ \eta &= 2 \cos \phi \{c_2 \sin \theta - \sum_{n=1}^{\infty} n b_n u^n / (2n-1)\}, \\ \zeta &= 2 \sin \phi \{c_3 \sin \theta - \sum_{n=1}^{\infty} n b_n u^n / (2n-1)\},\end{aligned}$$

where  $c_1, c_2, c_3$  are arbitrary constants and  $2nb_n = (2n-1)(a_{n-1} - b_{n-1})$  is a recursion formula for the coefficients (reviewer's notation). The present paper contains a new proof of this result and an application showing that a particular Kirchhoff diffraction integral can be evaluated in terms of a well-known transcendental function. There are too many misprints in the paper to list here, but they are fortunately evident from the above reference.

G. L. Walker. (Southbridge, Mass.)

HAVLICK, E. I.

YUGO

535.61

7884. A criterion for achronats. E. I. Havlick.  
Letter in *Bull. sci. Cons. Acad. Yugoslavie*, 2, No. 2,  
42-3 (April, 1955) In German.

A graph is given connecting the focal length of an  
achromat and its relative aperture, for either terrestrial  
or astronomical standards of achromatism. These  
standards are based upon the wavefront errors for a  
number of spectral lines, and the method of calcula-  
tion is briefly described.

R. W. 1955

HAVLICEK, F.

HAVLICEK, F. On a neutron generator for 140 kv. In German. p. 65

Vol. 2, May 1955

REPORTS

SCIENCE

Ljubljana

So: East European Accession, Vol. 6, No. 3, March 1957

HAVLICKER, F. I.

Distr: LE3d

2969

ON THE ANGULAR DISTRIBUTION OF THE PARTICLES  
OF PHOTODISINTEGRATED CARBON. F. I. Havlicek and  
R. Dobovisek. "J. Stefan" Inst. Repts. (Ljubljana) 2, 75-8  
(1955) May.

Using a heuristic principle, there was selected a special kind of traces in photoplates of the disintegrating particles of carbon. Diagrams of the angular distribution of these are drawn. (auth)

PMF

HAVLICEK, F. I.

✓ Photodisintegration of carbon-12 and oxygen-16. F. I. Havlíček and B. Dobovšek (J. Stefan Inst., Ljubljana, Yugoslavia). *Phys. Rev.* 100, 1355-7 (1953).—The distribution in energy and angle of the  $\alpha$ -particles from  $^{12}\text{C}$  and

$^{16}\text{O}$  disintegrations induced by bremsstrahlung of 27- and 33-m.e.v. max. energy were detd. These measurements yield information on the energy levels in  $\text{Be}^8$ ,  $\text{C}^{12}$ , and  $\text{O}^{16}$ . G. M. Petty, *ibid.*

①

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6  
IRM

HAULICEK, T. I.

...  
second order differential equation which can be trans-  
formed into the Bessel equation and which has solutions  
similar to the rotation occurring in the Jost's theory of  
gravitation. A. H. 1945 (Urbana, Ill.)

*we*



*Havlicek, F.I.*  
YUGOSLAVIA/Optics - Optical Technology

K-4

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 11628

Author : Havlicek, F.I.  
Inst : Institute "J. Stefan" Ljubljana, Yugoslavia  
Title : On Extreme Wide Angle Lenses

Orig Pub : Bull. Scient. Conseil acad. RPFY, 1956, 3, No 2, 38-39

Abstract : Constructive elements are given for two wide angle lenses with fields of view of 225 and 360°. Each consists of a negative meniscus and positive lens. The first is used with a plane-parallel light filter placed ahead of the image to reduce the influence of chromatic aberration.

Card : 1/1

HAVLICEK, F.

Systematic research on microobjectives III. Microobjectives with higher apertures.

P. 117

(GLASNIK, Vol. 7, No. 4, 1956 (Published 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957  
Uncl.

Havlicek, F. I.

409

mu  
sa  
phys

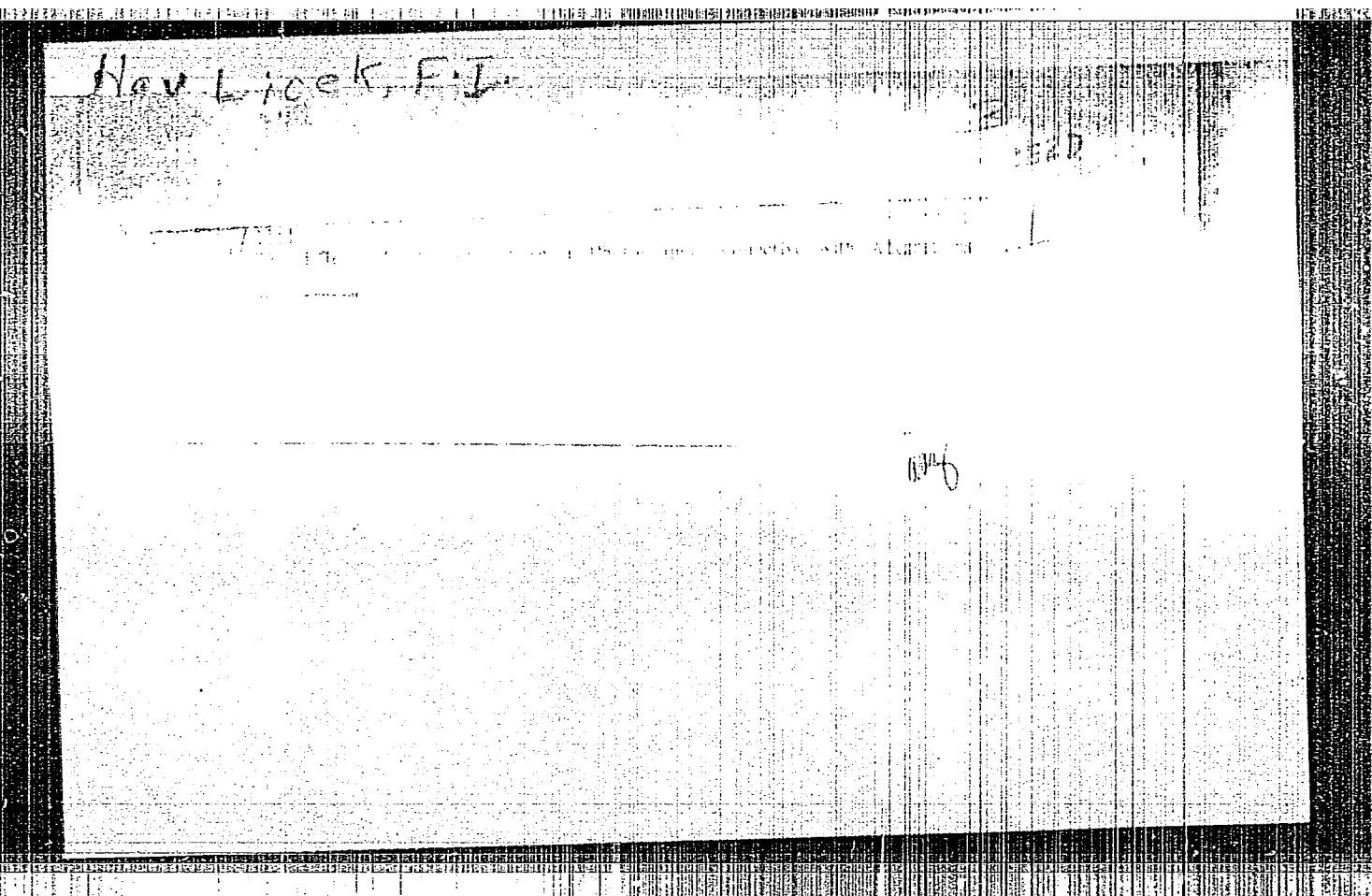
538,75

5828. AN APPROXIMATE ENTROPY DIAGRAM FOR  
URANIUM HEXAFLUORIDE. F.I. Havlicek.  
Z. Naturforsch., Vol. 11a, No. 1, 98 (1956). In German.

The temperature-entropy chart presented is based on  
data reported by Katz and Rabinowitsch (Nat. Nucl. Energy  
Series VIII-5, New York, 1951) extrapolated using the princi-  
ple of corresponding states. The chart is intended to provide  
information required in the uranium-235 enrichment process  
using a de Laval nozzle, as suggested by Becker, Bler and  
Burghoff (Abstr. 9838/1955).

A. Geibich

pmf



HAYLICKER, F. I.

19 19  
Determination of the isotopic ratio uranium-238/uranium-234 with  $\alpha$ -spectrometry. F. I. Haylicker (Stefan Inst. Ljubljana, Yugoslavia). ~~Nitrochemie~~ 11. 108-211 (1969) (In German).—An  $\alpha$ -spectrometer<sup>7</sup> is described for the above detn. and its accuracy demonstrated by using UP.  
Norman E. Pickering.

ST  
VI  
Distr: 4E3d/4E3c

HAVLICEK, F. I.

19  
 ✓ (γ,α) photoeffect in Ba, Ce, Nd, and Sm. P. I. Havlicek 3  
 (I. Stefan Inst., Ljubljana, Yugoslavia). *Nuovo cimento*  
 13, 609-73 (1959) (in German).—The effects of 30-m.e.v.  
 betatron γ-rays on coatings of the nitrate salts of the α-  
 emitters Nd and Sm were investigated, as well as on similar  
 coatings of their decay products Ba and Ce. The coatings  
 were applied to photographic film and α-tracks counted,  
 measured, and their angles detd. Spectra of the α-particles  
 ejected by the γ-rays were given for Nd and Sm.  
 N. A. Prigier---

110

*Prigier*

HAVLICEK, Franz) (Johannes), Dr. Dipl. Ing.: Einfuehrung in das Korrigieren optischer Systeme. Mit 38 Abb. -- Stuttgart: Wissenschaftliche Verl. Ges. 1960. 90 S. 8° - Optik u. Feinmechanik in Einzeldarstellungen. Bd 3. \* 18 G 3 Mit Literaturverzeichnis S. 147-154.

SO: DEUTSCHE NATIONALBIBLIOGRAPHIE, A, 3 Sep 60, p. 2433. ~~Unverified.~~

HAVLICEK, J.

Application of the group method in the economic analysis of machine-tractor stations. In Russian. p. 113. (ZA SOTSIALISTICHESKUIE SELSKOKHOZIAISTVENNIJ NAUKU. SERIJA B: EKONOMICHESKAYA. FOR SOCIALIST AGRICULTURAL SCIENCE. SERIES B: ECONOMICS, Vol. 6, No. 2, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (REAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.



HAVLICEK, J.  
LIJUBOMIRSKA, J.

Comments on the determination of the life and depreciation of  
agricultural machinery. p. 765.

Praha. Ceskoslovenska akademie zemedelskych ved. SBORNIK ZEMEDELSKA  
EKONOMIKA. Praha, Czechoslovakia. Vol. 5, no. 10, 1959

Monthly list of East European Accessions (EEAI) IC Vol. 9, no. 2  
Feb. 1960 uncl.

Havlicek, J.

Havlicek, J. A unified system of measures in the USSR. p. 56.

Vol. 7, no. 1, Jan. 1957

STROJIRENSTVI

TECHNOLOGY

Czechoslovakia

So: East European Accessions, Vol. 6, May 1957

No. 5

HAVLICER, J.; TRYSKA, J.

Kabely a vodice (Cables and Conductors); a book review.

P. 453. (ENERGETIKA.) (Praha, Czechoslovakia) Vol. 7, No. 8, Aug. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, May 1958

HAVLICEK, J.

Mechanization of control in the technical control departments. p. 252.

(Nb). A few interesting items at the Leipzig Fair. p. 261.

(Technicka Prava. Vol. 9, no. 4, Apr. 1957. Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. <sup>U</sup>ncl.

KRIZ, Jaroslav; HAVLICEK, Jaromir; CENEK, Milos

Injections of absolute ethyl alcohol into the spinal canal, as described by Dogliotti, to alleviate pain caused by malignant tumors of the female genitalia. Cesk. gyn. 23[37] no.5:390-392 July 58.

1. I. por. gyn/ klin. MU v Brne, prednosta prof. Dr. L. Havlasek.  
J. K., I. por. gyn. klin., Brno.

(GENITALIA, FEMALE, neoplasms

incurable, pain ther. by ethyl alcohol inject. into spinal canal (Cz))

(PAIN, therapy

ethyl alcohol inject. into spinal canal for pain in incurable tumors of female genitalia (Cz))

(ALCOHOL, ETHYL, therapeutic use

pain in incurable tumors of female genitalia. (Cz))

RAVICHEN, A.; ANTON, I.

Incidence of rheumatic carditis and its sequelae in autopsy material. I. 1961 and 1962. Cas. lek. cesk. 103 no.34:929-934 21 Ag '64.

1. Hlavní i patologickoanatomický ústav fakulty všeobecného lékařství Karlovy University v Praze (prednosta prof. dr. S. Sednar) a Ústav epidemiologie a mikrobiologie v Praze (prednosta prof. dr. K. Raskal).

*Havlicek, Jaromir*  
DUPAL, Yaroslav [Dupal, Jaroslav]; GAVLICHEK, Yaromir [Havlicek, Jaromir]; STOCHES, Ferdinand [Stoces, Ferdinand]; BARTUNEK, Iosif [Bartunek, Josef]; LEVITMAN, Ye.A. [translator]; TULUPNIKOV, A.I., red.; SUMNIK, Z.A., red.; IL'YUSHENKOVA, T.P., tekhn. red.

[Problems in determining the effectiveness of agricultural production in Czechoslovakia] Voprosy opredeleniia effektivnosti sel'skokhoziaistvennogo proizvodstva v Chekhoslovakii. Pod red. A.I. Tulupnikova. Moskva, Gosstatizdat, 1962. 178 p. Translated from the Czech. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut narodnokhozyaystvennogo planirovaniya pri Gosudarstvennoy planovoy komissii, Chekhoslovakiiya (for Dupal, Gavlichek). 2. Gosudarstvennaya planovaya komissiya, Chekhoslovakiiya (for Bartunek).

(Czechoslovakia--Agriculture--Economic aspects)

HAVLICEK, Jaroslav, inz. CSs.

Some possibilities of reducing the spare part consumption in keeping agricultural machines in operating condition. Zemědělská 10 1954.  
535.55. 3 1954.

1. Chair of Repair Services, Faculty of Mechanization, Higher School of Agriculture, Prague. Head of the Chair [do. 1954].  
F. Korouš.



HAVLICEK, J.

Main trends and lines of hospital construction. Cesk. hyg. 8  
no.8:475-480 S '63.

1. Vyzkumny ustav organizace zdravotnictvi, Praha.  
(HOSPITAL PLANNING AND CONSTRUCTION)

HAVLICEK, J.

DOHNAL, Vlastimil, Ing. arch.; HAVLICEK, Jaroslav, MUDr

Work and objectives of the department of hospital building of the university school of architecture and building in Praha. Czech. nemoc. 22 no.5:122 22 Sept 54.

(HOSPITALS

construction, work of department of architecture & building, Praha)

HAVLICEK, Jar., MUDr.

Task and function of the department for infectious diseases of a hospital. Cesk, nemoc. 22 no.6:125-129 25 Nov 54.

1. VUOZ, Praha  
(HOSPITALS  
communicable dis. department)

HAVLICEK, Jaroslav, MUDr.

Considerations on the organization of roentgenological services in  
Czechoslovakia. Cesk. zdravot. 4 no.5:247-255 May 56.

1. Vyzkumny ustav organisace zdravotnictvi v Praze.  
(ROENTGENOLOGY,  
in Czech. (Cz))

HAVLICEK, Jaroslav, MUDr.

Structure of the network of hospitals in Czechoslovakia. Cesk.  
zdravot. 4 no.7:384-388 July 56.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.  
(HOSPITALS,  
hosp. network in Czech. (Cz))

HAVLICEK, Jaroslav, MUDr.

Development of typing of a regional medical center in Czechoslovakia.  
Cesk. zdravot. 4 no.11:629-635 Nov 56.

1. Vyzkumny ustav organisace zdravotnictvi v Praze.  
(PUBLIC HEALTH,  
regional centers in Czech. (Cz)'

HAVLICEK, Jaroslav, MUDr.

Problem of classification of medical establishment and its  
relation of development of their functions. Cesk. zdravot.  
4 no.12:693-695 Dec 56.

1. Vyzkumny ustav organisace zdravotnictvi v Praze.  
(HOSPITALS,  
classif. & demarcation of funct. in Czech. (Cz))

HAVLICEK, Jaroslav

Infectious wards in hospitals. Cesk. zdravot. 5 no.10:557-585 Oct 57.

1. Vyzkumny ustav organisace zdravotnictvi v Praze; reditel: R. Palec.  
(HOSPITALS,  
infect. wards (Cz))  
(COMMUNICABLE DISEASES,  
infect. wards in hosp. (Cz))



HAVLICEK, Jar.

Problem of construction of faculty hospitals in Czechoslovakia.  
Cas. lek. cesk. 96 no.23:693-701 7 June 57.

1. J. H., Praha 2, Stepanska 1.

(HOSPITALS

construction of faculty hosp. in Czech., problems (Cs))

HAVLICEK, Jaroslav, MUDr.

~~institutional care the chronically ill in Czechoslovakia. Cesk.~~  
zdravot. 6 no.4:155-158 Apr 58.

1. Vyzkumny ustav organisace zdravotnictvi v Praze.

(CHRONIC DISEASES,

institutional care of chronically ill patients in Czech. (Cz))

HAVLICEK, Jaroslav, MUDr.

Low investment type of district hospital. Cesk. zdravot. 6 no.6:273-275 June 58.

1. Vyzkumny ustav organisace zdravotnictvi v Praze,  
(HOSPITALS,  
district. hosp. construction in Czech (Cz))

HAVLICEK, Jaroslav, MUDr.

District health centers. Cesk. zdravot. 6 no.7:361-367 July 58.

1. Vyzkumny ustav organisace zdravotnictvi v Praze.

(PUBLIC HEALTH

in Czech., district, health centers (Cz))

HAVLICEK, Jaroslav

Problems in standardization factory health services. Cesk. zdravot.  
6 no.10:583-589 Oct 58.

1. Vyzkumny ustav organisace zdravotnictvi, Praha  
(INDUSTRIAL HYGIENE  
in Czech., standardization of factory health serv. (Cz))

HAVLICEK, J.

Report on the Stockholm Symposium of the World Health Organization concerning the function of hospitals held in 1958. p. 332.

CESKOSLOVENSKE ZDRAVOTNICTVI. Praha, Czechoslovakia. Vol. 7, no. 5, July (i.e. June) 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

HAVLICEK, Jaroslav, MUDr.

Discussion on the standardization of industrial establishment. Pracovni  
lek. 11 no.1-2:92-94 Feb 59.

1. Pracovník Vyzkumneho ustavu organizace zdravotnictvi v Praze.  
(INDUSTRIAL HYGIENE,  
in Czech., organiz. (Cz))

HAVLICEK, Jaroslav, MUDr.

Problems of the further development of hospitals. Cesk. zdravot.  
7 no.5:246-251 Junr 59.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.  
(HOSPITALS  
in Czech., funct. & organiz. (Cz))



HAVLICEK, Jaroslav, MUDr.

Problem of the centralization of laboratory services in hospitals and polyclinics. Cesk.zdravot. 8 no.6:315-318 Je '60.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.  
(LABORATORIES)  
(HOSPITALS)

HAVLICEK, Jaroslav, MUDr.

Analysis of the operation of hospitals and polyclinics constructed  
in accordance with established standards. Cesk.zdravot.8 no.12:  
685-697 D '60.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.  
(HOSPITAL PLANNING AND CONSTRUCTION)

HAVLICEK, Jaroslav, MUDr.

Studies on the profile of patients in hospitals of Czech districts.  
Cesk. zdravot. 9 no.6:328-343 '61.

1. Vyzkumny ustav organizace zdravotnictví, Praha.  
(HOSPITAL PATIENTS)

VITVAR, inz.; BLATA, inz.; HAVLICEK, inz.; NEJEZCHLEB, KRAL, REICHL, J.;  
HABRINA, J.; HOLAS; KORAN, Inz.; DOUPOVEC, Inz.

Conference of the constructors of the technological part of  
the Orlik Waterworks. Energetika Cz 13 no.12:671-674 D '63.

1. Ceskomoravska-Kolben-Danek (for all except Holas, Koran,  
Doupovec).
2. Vodni elektrarny Orlik (for Holas).
3. Leninovy zavody Plzen (for Koran).
4. CED (for Doupovec).

HAVLICEK, Jaroslav; PACAL, Zdenek

Arsenic in the mine water from Staroceske pasmo, (Kank near  
Kutna Hora). Cas min geol 7 no.3:260-268 '62.

HAVLICEK, J., MUDr.

Basic problems of the modernization of our health institutions,  
especially hospitals. Cesk. zdrav. 10 no.10:489-496 '62.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.  
(HOSPITALS)

HAVLICEK, Jaroslav, Csc., inz.; SWIETOCHOWSKI, T., mgr inz. [translator]

Regeneration of machine parts by electrolytic iron plating.  
Techn motor 13 no. 3: 94-99 Mr '63.

1. Katedra Remontow, Wydzial Mechaniczny, Vysoka skola  
zemedelska, Praha.

HAVLICEK, Jaroslav, inz. CSc.

Analysis of the present method of evaluating the usefulness of damaged machine part renovation. Zemedel tech 10 no. 3:197-212 Mr '64.

1. Department of Repair Services of the Faculty of Mechanization, Higher School of Agriculture, Prague.  
Head of the Department: inz. F. Korous.



L 62156-65 EWP(w)/EWP(i)/EWA(d)/EWP(v)/T-2/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c)  
PT-4 JD/EM

ACCESSION NR: AP5015920

CZ/0059/64/000/006/0045/0049 40  
34  
13

AUTHOR: Havlicek, J.. (Engineer)

TITLE: Effects of the state of the surface layers on the properties of EI 437 and EI 617 heat -- resistant steels

SOURCE: Letnany. Vyzkumny a zkusebni letecky ustav. Zpravodaj VZLU, no. 6, 1964, 45-49

TOPIC TAGS: heat resistant steel, heat resistant alloy, alloy surface layer, surface machining, thermal fatigue, turbine blade failure, steel hardness, argon annealing, electrolytic buffing, nickel base alloy

ABSTRACT: Soviet works on the effects of various types of machining on the properties of heat-resistant steels EI 437 and EI 617 are reviewed, including surface layer stresses, depth of the skin layer, lattice structure of the skin layer and core, chemical composition, degree of hardening, microhardness, etc, as related to metal fatigue in turbine blades. Such Soviet experiments demonstrate almost no effect in short-term tests, but in long-term tests such as for creep strength, fatigue failure, or resistance to heat shock, the effects depend on the depth of the hardened layers produced by various processes. Experiments have demonstrated that a hard

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ACCESSION NR: AP5015920

surface layer reduces pressure stress caused by rolling or ball-burnishing, but has an adverse effect on heat fatigue. X-ray examination after skin layers had been annealed in argon showed recrystallization to a depth of 4 or 5  $\mu$ . Recrystallization occurs in the first few hours of operation and forms a fine-grain structure with lower lattice values. Another contrast between surface layers and blade core is a higher diffusion rate and a loss of Cr, Ti, and Al from the skin. X-ray measurements were also made on blades made of EI 617 at various stages of manufacture to find the residual internal stress and crystal lattice values after final annealing in argon at 950C; the results are tabulated. One conclusion given is that a process of electrolytic buffing should be developed as the final operation in producing turbine blades in order to eliminate skin layer deformation when the blade is in operation. <sup>16</sup> <sup>4</sup> ~~Orig. art.~~  
has: 5 figures and 5 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: M4, PR

NO REF SOV: 004

OTHER: 000

Card 2/2 *20AP*

HAVLICEK, J., MUDr.

Specialized care and some of its problems. Cesk. zdrav. 12  
no. 5: 231-239 My'64

1. Vyzkumny ustav organizace zdravotnictvi v Praze.

HAVLICEK, Jaroslav, inz., C.Sc.

Less known methods of machine part renovation. Sil doprava 10  
no.12:4-6 D '62.

1. Vysoka skola zemedelska, katedra opravarenstvi, Praha.

HAVLICEK, Jiri

Statistical survey of acute otitis therapy in the field, Cesk. otolar.  
7 no.4:206-209 Aug 58.

1. ORL oddeleni polikliniky v Praze 14.

(OTITIS, ther.

penicillin in acute otitis, statist. (Cz))

(PENICILLIN, ther. use

otitis, acute, statist. (Cz))

HAVLICEK, Jiri

Czechoslovakian standard for antistreptolysin O. Cesk.epidem.  
mikrob.imun.10 no.1:18-23 Ja '61.

1. Ustav epidemiologie a mikrobiologie v Praze.  
(ANTISTREPTOLYSIN)

HAVLICEK, J.; LUKES, R.

Methods and results of immunological surveys for antistreptolysin O in the population. Cesk. epidem. 12 no.3:169-179  
My '63.

1. Ustav epidemiologie a mikrobiologie v Praze.  
(ANTISTREPTOLYSIN) (STREPTOCOCCAL INFECTIONS)

~~HAVLICEK, Jiri, inz.~~

Methods of calculating the rolling pressure in cold rolling.  
Hut. listy 18 no.2:99-101 F '63.

1. Zavody V.I. Lenina, Plzen.



HAVLICEK, Josef, inz., dr., C.Sc.

Josef Francek; an obituary. Inz stavby 10 no.3:119 Mr '62.

HAVLICEK, Josef, inz. dr. CSc.

International Conference on Soil Mechanics and Foundation  
Engineering in Budapest. Stav cas 12 no. 4:257-258  
'64.

1. Institute of Theoretical and Applied Mechanics, Czechoslo-  
vak Academy of Sciences, Prague.

HAVLICEK, J., inz. dr., C.Sc.

Soil resistance against shearing. Inz stavby 11 no.3:81-86 Mr '63.

1. Ustav teoreticke a aplikovane mechaniky, Ceskoslovenska akademie ved.

L 44118-66 EWP(v)/EWP(i)/T WW/RM

ACC NR: AP6005485 (A) SOURCE CODE: CZ/0078/66/000/001/0010/0010

AUTHOR: Bures, Jiri (Engineer; Brno); Bartek, Ladislav (Engineer; Brno) 27,  
Havlicek, Jiri (Engineer; Brno) B

ORG: none

TITLE: Highly conductive organometallic compounds, CZ Pat. No. PV 7233-61

SOURCE: Vynález, no. 1, 1966, 10

TOPIC TAGS: organonickel compound, organocopper compound, electric conductivity

ABSTRACT: An Author Certificate has been issued for a highly conductive material made of amalgamated nickel or copper particles in either stick, chip, or powder form, bonded with an agent with low conductivity. The weight-percentage ratio of metallic particles may range from 40-99%, that of mercury to 25%, and that of the binder from 0.1-60%. Binders such as polyester resins or nitrocellulose may be used.

[KP]

SUB CODE: 11, 09/ SUBM DATE: 07Dec61

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HAVLÍČEK, KAREL

Havlíček, Karel. Developable surfaces in differential line geometry. Rozpravy II. Třidy České Akad. 53, no. 42, 24 pp. (1943). (Czech)

A German summary appeared in Acad. Technique Sci. Bull. Int. Cl. Sci. Math. Nat. 44, 581-583 (1943); these Rev. 8, 488.

Source: Mathematical Reviews,

Vol 9 No 8

*Grm 221*

HAVLÍČEK, K.

Havlíček, K. Abwickelbare Fläche in der differentialen Liniengeometrie. Acad. Technique Sci. Bull. Int. Cl. Sci. Math. Nat. 44, 581-583 (1943).

This is a summary of a paper in which developable ruled surfaces are studied following the methods and symbolism of Havlatý's "Differential Liniengeometrie" [Nieuwhoff, Groningen, 1945; these Rev. 8, 346]. The principal theorem states that a necessary and sufficient condition that a ruled surface shall be developable is that its  $K$ -map shall be a  $K$ -minimal curve, i.e., a curve for which

$$A_{\xi\xi} \frac{d\xi}{dt} \frac{d\xi}{dt} = 0,$$

where  $\xi = (\xi_1, \xi_2, \xi_3, \xi_4)$  are the independent parameters of the line space and the tensor  $A_{\xi\xi}$  is defined by Havlatý [p. 472]. The  $K$ -minimal curves are shown to be of two types and the corresponding developable surfaces are studied.

A. Schuur (State College, Pa.).

Subject: Mathematics, Reviewing,

Vol.

No.

*Havlicek, Karel*

Havlicek, Karel. Contact des courbes et des hypersphères dans un espace euclidien à  $n$  dimensions—courbes sphériques. Casopis Pěst. Mat. Fys. 72, 137-146 (1947). (French. Czech summary)

Notations:  $R_n$  is a  $q$ -dimensional linear space;  $V_1$  is a curve in  $R_n$  with the parametric representation  $r=r(s)$ ;  $\rho_1, \dots, \rho_{n-1}$  are the radii of curvature of  $V_1$ ;  $\Sigma_q(\Sigma_q)$  is a  $q$ -dimensional hypersphere (having a contact of order  $q$  with  $V_1$ );  $\Sigma_q^{q+1}$  is a  $q$ -dimensional osculating hypersphere;  $n_1, n_2, \dots, n_{n-1}$  are mono-, bi-, tri-... normal unit-vectors at a point of  $V_1$ ; only regular points of  $V_1$  are considered such that  $(dr/ds)^2 \neq 0$ . The author proves that the centers of all the  $\Sigma_{n-1}^n$  lie in an  $R_{n-1}$  having the equation

$r = \sum_{i=1}^{n-1} c_i n_i + \sum_{i=1}^{n-1} c_i n_i$ , where the  $c_i$  are independent parameters, and the constants  $c_i$  (the coordinates of the center of  $\Sigma_{n-1}^n$ ) are determined as functions of the  $d^2 \rho_i / ds^2$  by linear equations. Hence the radius of  $\Sigma_{n-1}^n$  is given by  $R_n^2 = \sum_{i=1}^{n-1} (c_i)^2$ . A necessary and sufficient condition that  $V_1$  should lie on a  $\Sigma_{n-1}$  is that  $\rho_1, \dots, \rho_{n-1}$  satisfy the differential equation  $a_n - a_{n-1} = 0$ , where the  $a_i$  are defined by the recurrent relations  $a_n = 0$ ;  $a_1 = \rho_1$ ;  $a_i = \rho_i (da_{i-1}/ds + a_{i-1} \rho_i / \rho_{i-1})$  ( $i = 2, 3, \dots, n-1$ ),  $a_n = -\rho_{n-1} da_{n-1}/ds$ . A  $V_1$  for which  $\rho_i = \text{constant} \neq 0$  ( $i = 1, 2, \dots, n-1$ ) is a hypercircle, i.e., it lies on a  $\Sigma_{n-1}$ , if and only if  $n$  is even. E. Egerdy.

*Smid*

Source: Mathematical Reviews,

Vol 10 No. 4

HAVLICEK, K.

"Regulated spherical surfaces." Text in French. p. 187. (*Ca opis Pro Perstovani Matematiky.*  
Czechoslovak Mathematical Journal. Vol. 1, no. 3, Feb. 1952. Praha.)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Cong., Feb. 1954, Uncl.



H AVLICEK, K.

" Are You Checking the Solutions of Equations?" p. 18.  
(Matematicko-Prirodovedecke Rozhledy, Vol.32, No.1, 1953, Praha.)

SO: Monthly List of East European Vol.2, No.9  
Russian Accessions, Library of Congress, September 1953, Uncl.

HAVLICEK, K.

" Spaces of Multiple Dimension in Geometry," p.65.  
(Matematicko-Firopodvedeckie Rozhledy, Vol.32, No.3, 1953, Praha.)

SO: Monthly List of East European Vol.2, No.9  
Russian Accessions, Library of Congress, September 1953, Uncl.

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10. *Chlorophyll content* was determined by the method of Arar and  
75 *Chlorophyll content* was determined by the method of Arar and

3. ON THE PROBABILITIES OF A TIPI Vol. 50, No. 1, 1955

Ja ci-akova

see, Ensl. American ADDRESSING LIST vol. 5, no. 7 July, 1956

Havlicek, K.

Havlicek, K. Relations between the Soviet and Czechoslovak Institutes of  
Technical and Economic Information. p. 594.

Vol. 6, no. 4, 1956  
SOVETSKA VEDA: STROJIRENSTVI  
TECHNOLOGY  
Czechoslovakia

So. East European Accessions, Vol. 6, May 1957  
No. 5

HAVLICEK, KAREL

Havlicek, Karel. Eine Bemerkung zur Lindemannsche  
 der entwickelbaren Flächen. Casopis Pěst. Mat. 81/6

(1976), 26-37. (Czech. Russian and German sum-  
 maries)

Soit  $p_{12}(t)$  les coordonnées plückériennes des droites  
 d'une surface réglée  $S$ . La surface  $S$  est une développable  
 quand et seulement quand les dérivées  $d p_{12}/dt$  sont les  
 coordonnées de la droite. La surface  $d p_{12}(t)/dt$  est la surface  
 dérivée de la surface  $p_{12}$  primitive.

On voit qu'il existe une infinité des surfaces dérivées de  
 la surface  $S$  et une infinité des surfaces primitives de la  
 surface donnée.

L'auteur établit les théorèmes: 1) La courbe de re-  
 broussement de la surface développable est l'asympto-  
 tique de la surface dérivée. 2) La surface des tangentes  
 d'une courbe asymptotique de la surface réglée  $S$  est la  
 surface primitive de la surface  $S$ .

On voit que les droites des surfaces primitives (déri-  
 vées de la surface donnée) appartiennent à une congruence  
 de droites

F. Vyšehrad (Praha)

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HAVLICEK, K.

Survey of basic concepts from the geometry of curved surfaces. p. 639.

POKROK MATEMATIKY, FYZIKY A ASTRONOMIE. (Jednota cecoslovenských matematiku a fyziku) Praha, Czechoslovakia. Vol. 3, no. 6, 1954.

Monthly list of East European Accessions (EEAI) LC. Vol. 9, no. 1, January 1960.

Uncl.

HAVLICEK, K.

TECHNOLOGY

periodicals: NOVA TECHNICA No. 3, 1959

HAVLICEK, K. Americans are discovering Soviet science. p. 136.

Monthly List of East European Accession (EMAI) LC Vol. 8, no. 5  
May 1959, Unclass.

HAVLICEK, K.

Scientific work of Professor Frantisek Vycichio, p. 497

POKROKY MATEMATIKY, FYSIKY A ASTRONOMIE. (Jednota ceskoslovenskych matematiku a fysiku) Praha, Czechoslovakia, Vol. 4, no. 4, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 10, Oct. 1959  
Uncl.



HAVILKAR, Parshu Chandra

How to learn mathematics. Bombay pub. by. 9 no. 51294-301  
161.

HAVLICEK, Karel (Praha)

On differential geometry of one-parameter system of straight  
lines in two-axial geometry. Cas pro pes mat 87 no.1:103  
'62.

HAVLICEK, Karel (Praha)

Problem of object teaching in mathematics. Pokroky  
mat fyz astr 8 no.1:15-18 '63.

HAVLICEK, L.

"Is it True That Peat is too Expensive to be used in Agriculture?", P. 755,  
(ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 4, No. 7/8, July/Aug. 1954, Praha,  
Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 3, No. 12,  
Dec. 1954, Uncl.

HAVLICEK, Ladislav

Sewage disposal plant sludges. Prum potravin 14 no.5:247  
My '63.

1. Reditelstvi vodohospodarskeho rozvoje, Ministerstvo zemedelstvi  
lesniho a vodniho hospodarstvi.

HAVLICEK, M.

Experiences from the development and operation of a Czechoslovak weaving mill with hydraulic jet-weaving looms. p. 375.

TESTIL (Ministerstvo lehkeho prumyslu)  
Praha, Czechoslovakia, Vol. 14, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI), V 1 9, no. 1, Jan. 1960.

Uncl.

HAVLICEK, M.

"IT Diagrams and Their Significance." p. 837 (STROJIRENSTVI. Vol. 4,  
No. 11, Nov. 1954; Praha, Czech.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4,  
April 1955, Uncl..

HAVLICEK, M.. ina.

The Month of Books 1963. Sdel tech ll no.3:81 Mr '63.



HAVLICEK, M., MUDr.

Ideological, functional and operational bases for the organization and reconstruction of medical faculties in the Czechoslovakian SSR. Cesk. zdrav. 11 no.7/8:331-344 '63.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.  
(EDUCATION, MEDICAL) (PUBLIC HEALTH)

RAVLILON, Hircov, 100.

Present development of radio technology. Under policy about 25 no.  
1977-1978-1979.

HAVLICEK, M., inz.

Hardening of guiding surfaces of machine tool frames. Strojirenstvi  
13 no.10:759-764 0 '63.

1. Zavody presneho strojirenstvi Gottwaldov.

HAVLICEK, M., inz.

"Technical dictionary of radio and telecommunication engineering."  
Reviewed by M.Havlicek. Slaboprouty obzor 24 no.10:Suppl.:  
Literatura 24 no.10:L77-L79 '63.

HAVLICEK, M.

"Practical Instructions for High-Frequency Hardening of Machine Parts." p. 147, Praha, Vol. 2, no. 4, 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

HAVLICEK, M.

"Testing Tools Made of Cemented Steels." p. 249, Praha, Vol. 2, no. 6, June 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

HAVLICEK, M.

Experience with the MONOCARB furnaces for cementation in the gas medium  
p. 145, STROJIRENSKA VYROBA (Ministerstvo strojirenstvi) Praha, Vol. 3,  
No. 4, Apr. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

HAVLICEK, M.

Examples of the technology of the flame surface hardening on the ZPs-6 equipment of the KPU type. p.258.  
(Strojirenska Vyroba, Vol. 5, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (FEAL) IC. Vol. 6, No. 9, Sept. 1957. Uncl.



HAVLICEK, Maxmilian, inz.

"Metal soldering in industries" by Viliam Ruza. Reviewed  
by Maxmilian Havlicek. Stroj vyr 11 no.1:53 '63.

HAVLICEK, Maxmilian, inz.

Hardening of guiding surfaces of machine tool beds. Stroj vyr ll  
no.3:145-146 Mr '63.

1. Zavodni pobočka Československé vědecko-technické společnosti,  
Zavody přesného strojírenství, n.p., Gottwaldov.

HAVLICEK, Maxmilian, inz.

"Flame hardening" by H.W.Gronegress. Reviewed by Maxmilian  
Havlicek. Stroj vyr 13 no.3:237 Mr '65.

HAVLICEK, M.

"Absolute or only relative measurements of reproduction?" p. 215

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 7, July, 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959  
Unclas

HAVLICKER, M.

Interpreting equipment for conferences. p. 131.  
(SLOVAKI TECHNIKA, Vol. 5, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

HAVLICEK, M.

Experience gained through the development of FM broadcasting in Finland.

P. 210, (Sdelovaci Technika) Vol. 5, no. 7, July 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

HAVLICEK, M.

The cryotron and other superconductive circuits.

p. 277 (Sdelovaci Technika) Vol. 5, no. 9, Sept. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

HAVLICEK, M.

"The Third Exhibition of Czechoslovak Engineering in Brno."

p. 12 (Radio i Televiziia) Vol. 6, no. 12, 1957  
Sofia, Bulgaria

SC: Monthly Index of East European Accessions (MEAI) LC. Vol. 7, no. 4,  
April 1958



NAVIČEK, M.

Is American color television in the doldrums?

p. 314 (Sdelovaci Technika, Vol. 5, no. 10, Oct. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

HAVLICEK, M.

Telecommunication in the German Democratic Republic, its successes and failures.

P. 2. (SDELOVACI TECHNIKA) (Praha, Czechoslovakia) Vol. 6, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) IC Vol. 7, No. 5, 1958

HAVLICEK, M.

From the activities of the International Broadcasting Organization. p. 367.

SDELOVACI TECHNIKA. (Ministerstvo strojirenstvi) Praha, Czechoslovakia.  
Vol. 7, no. 10, Oct. 1959.

Monthly List of East European accession, (EFAI), LC, Vol. 8, No. 12, Dec. 1959  
Uncl.

HAVLICEK, M.

"Rudolf Major's Mala radiotechnika (Handbook of Radio Techniques); a book review.  
(Supplement)" p. 117.

SIABOPROUDY OBZOR. (MINISTERSTVO PRESNEHO STROJIRENSTVI, MINISTERSTVO SPOJU A  
VEDECKA TECHNICKA SPOLECNOST PRO ELEKTROTECHNIKU PRI CSAV.) Praha, Czechoslovakia,  
Vol. 20, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.